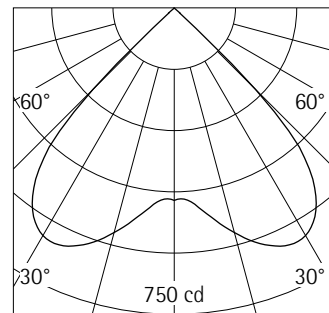


80159.000 Silver
 LED 12W 1650lm 4000K neutral white
 DALI
 Version 1
 Diffuser lens extra wide flood

Product description
 Housing: corrosion-resistant cast aluminium, No-Rinse surface treatment. Silver, double powder-coated. Mounting with 2-point support and screw fixing, for ceiling thicknesses of 1-30mm. Side-mounted control gear: polymer, black. ERCO DALI control gear. 2 cable entries. Through-wiring possible. 5-pole terminal block.
 LED module: high-power LEDs on metal-core PCB. Diffuser lens made of optical polymer.
 Darklight reflector: polymer, aluminium vaporised, silver, mirror-finish. Cut-off angle 40°.
 Cover ring with non-reflective safety glass: corrosion-resistant cast aluminium, No-Rinse surface treatment. silver, double powder-coated.
 Protection mode IP65: dust-proof and water jet-proof.
 Weight 1.30kg



h(m)	E(lx)	D(m)
		89°
1	471	1.97
2	118	3.93
3	52	5.90
4	29	7.86
5	19	9.83

Technical data

Luminous flux of the luminaire	1070lm
Connected load	15W
Luminaire efficacy	71lm/W
Colour deviation	2 SDCM
Colour rendition index	CRI ≥80
Lumen maintenance (LM-80/TM-21)	L90/B10 ≤50000h
Lumen maintenance (LED manufacturer specifications)	L90 ≤100000h
LED failure rate	0.1% ≤50000h
Dimming range	0.1%-100%
Dimming method	CCR
LMF	E
Energy efficiency class	EEL A++
Standby power per control gear	0.4W
Luminaires per circuit breaker B16	205

For your regional contact in the ERCO
 Sales network click here
www.erco.com/contact

Technical Region: 220V-240V/50Hz
 We reserve the right to make technical and design changes.
 Edition: 27.10.2017
 Current version under
www.erco.com/80159.000

Planning data

Cleaning (a)	1				2				3			
	P	C	N	D	P	C	N	D	P	C	N	D
LMF	0.96	0.94	0.90	0.86	0.93	0.91	0.86	0.81	0.92	0.90	0.84	0.79
RSMF	0.97	0.95	0.91	0.86	0.97	0.94	0.90	0.86	0.97	0.94	0.90	0.86

Hours of operation (h)	1000	5000	10000	20000	30000	40000	50000
LLMF	1.00	0.99	0.98	0.96	0.94	0.92	0.90
LSF	1	1	1	1	1	1	1

- MF LMFxRSMFxLLMFxLSF
- MF Maintenance Factor
- LMF Luminaire Maintenance Factor
- RSMF Room Surface Maintenance Factor
- LLMF Lamp Lumens Maintenance Factor
- LSF Lamp Survival Factor
- P Room pure
- C Room clean
- N Room normal
- D Room dirty

Technical data in accordance with international norms and standards

- IEC 60598 Luminaires – Part 1+2: general requirements, specific requirements and tests
- IEC 62031 LED modules for general lighting – safety requirements
- IEC 62471 Photobiological safety of lamps and lamp systems
- EN 13032-4 Light and lighting – measurement and representation of photometric data
- CIE 13 Method of measuring and specifying colour rendering properties of light sources

All technical data is subject to industrially standard tolerances.
Also see www.erco.com/erco-led

Accessories



83738.000

Concrete housing
Stainless steel, galvanised/powder-coated.
Recommended 0-8mm aggregate for the concrete.
Weight 4.35kg

